```
logo
NTDB id 1356 HI 0297 AAC21961.1          .MTKKLFYYQASNPLNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSAIPLKNS   79
NTDB id 1367 NTHI RS01945 WP 011271971.1 .MTKKLFYYQGSNALNQKQKGSIIADTKQQAHFQLISRGLTHIKLQQNWQFGAKPKNSEISELLNQLATLLQSVIPLKNS   79
NTDB id 311989 D1109 RS10455 WP 237611100.1 MLKVYEFHWKAKNRFQQLQKGKALACHRTELERRLLAKGYSQIRIQRNFRFVTQASSESITQVIKQLALLLNAAVPLKQA   80
NTDB id 1385 A4U84 RS08520 WP 005711777.1 MNNIYEFQWKGRNRFGQKQTGRQLAESREVLEKRLQQKGYSQLSISRHFALPTAPKKEEINQFMQQLALLIQAKIPLKQS   80
consensus                                ****  !** **!* *!*!*!***!***** ** !***! ****** ***** **** *!* ***!!! !** **!!!**

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NTDB id 1356 HI 0297 AAC21961.1          LQILQQNCTQIVLNEWLERLLQSIESGLAFSQAIEQQGKYLTQQEIQLIQVGEMTGKLAVVCKKIATHRSQSLALQRKLQ  159
NTDB id 1367 NTHI RS01945 WP 011271971.1 LQILQQNCTQIMLNKWLERLLQSIESGLAFSQAIEQQGKYLTQQEIQLIQVGEMTGKLAVVCKKIATHRSQSLALQRKLQ  159
NTDB id 311989 D1109 RS10455 WP 237611100.1 LNMLLENTYHIRIYMWLNDLNRLIESGYTMSSSLTKLNLYLAKSEIQLVRIGEQSGRLGEILQNIAVNRYQTEKLHKKIK  160
NTDB id 1385 A4U84 RS08520 WP 005711777.1 LVMLLETCQNRTFYRWQQETIRLIEAGFALSVAFKKQGKYINPQEIQLIKMAETSGNLGLILTNIAQRREKSEKLAKKIK  160
consensus                                !**!  ****** *!*****  !!*!***!**** ***!****!!!!****!**!*!***** !!**!***  !**!*

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NTDB id 1356 HI 0297 AAC21961.1          KIMLYPSMVLGISLLLTLALLLFIVPQFAEMYSGNNAELPTITAILLSISNFLKQNIGILLFFVLSFFLFYYFYLKRQTW  239
NTDB id 1367 NTHI RS01945 WP 011271971.1 KIMLYPSMVLGISLLLTLALLLFIAPQFAEMYSGNNAELPTITAILLSISNFLKQNIGILLFFVLSFFLFYYFYLKRQTW  239
NTDB id 311989 D1109 RS10455 WP 237611100.1 KIMFYPVVTLIISVALSLAMLLFIVPQFIELYSGREKPLPLITQMLFTLSLFLQHSLLQVTIVSLLAVGFFRFFAKKYRF  240
NTDB id 1385 A4U84 RS08520 WP 005711777.1 KILFYPVFILAISITLSILLLLFIVPQFAELYGSKGKSLPLITEILFSLSHFLQHSILTLIILCVLCFLLIHILNKKTDL  240
consensus                                !!* !! **!*!!**!****!!!!*!!!*!*!**** *!! !!**! **!*!! * * *** *** *********!****

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NTDB id 1356 HI 0297 AAC21961.1          FYQKKNQLISITPIFGTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDIVLDKEVRSILQWVSQ  319
NTDB id 1367 NTHI RS01945 WP 011271971.1 FHQKKNQLISITPIFGTIQKLSRLVNFSQSLQIMLQAGVPLNQALDSFLPRTQTWQTKKTLVNDMVLDKEVRSILQWVSQ  319
NTDB id 311989 D1109 RS10455 WP 237611100.1 LTAIKNGMLSTLPIFNKIVENVRIVFFSQNLGLMLKAHIRLETALNTFLATQ.........SQDLRLQKEIENILAQLKQ  311
NTDB id 1385 A4U84 RS08520 WP 005711777.1 IKRLKFIILSHIPILKGIIQYSRIIFFCQNSSLMLASHIRLDTVLHSFLANK.........SDDILLQGSLAITLTYLKQ  311
consensus                                * **!****!**!!***!****!** !*! ***!!*****!* *!**!!************ *!**! ******!*** !

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NTDB id 1356 HI 0297 AAC21961.1          GYAFSNSVSSDLFPMEAQQMLQIGEQSGKLALMLEHIAENYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIF  399
NTDB id 1367 NTHI RS01945 WP 011271971.1 GYAFSNSVSSDLFPMEAQQMLQIGEQSGKLALMLEHIADNYQEKLNHQIDLLSQMLEPLMMVIIGSLIGIIMMGMYLPIF  399
NTDB id 311989 D1109 RS10455 WP 237611100.1 GYRFSESINASVFGTQVVQMLAIGEQSGNVAQMCSYIGELYRQQLDDQIELLSQLLEPILMLIIGLIIGTVLIGLYLPIF  391
NTDB id 1385 A4U84 RS08520 WP 005711777.1 GYRLADSLDPKLFPTDMLQMIAIGEQSGKLSPMLQQISDGYQQRLDYQIDILSQLLEPMLMVLMGIIVGTILVGLYLPIF  391
consensus                                !! ***!*****!* ***!!* !!!!!!****!***!***!* *! *!!**!!!*!!!**!***!***! ***!*!!!!!

logo
NTDB id 1356 HI 0297 AAC21961.1          NMGSVIQ...   406
NTDB id 1367 NTHI RS01945 WP 011271971.1 NMGSVIQ...   406
NTDB id 311989 D1109 RS10455 WP 237611100.1 DLGGLVGGGQ   401
NTDB id 1385 A4U84 RS08520 WP 005711777.1 DMGAMIE...   398
consensus                                 *!****
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X non conserved
X similar
X $\geq$ 50% conserved